TECHNICAL SPECIFICATIONS

Siren loudness (@1 m)	
1 piezo	118 dB max.
2 piezo	121 dB max.
Supply Voltage(min – max)	9 – 13 V DC
Current consumption (@12 V)	
Siren	
1 piezo, in SAB mode	240 mA
1 piezo, in SCB mode	25 mA
2 piezo, in SAB mode	420 mA
2 piezo ,in SCB mode	25 mA
Strobe	200 mA
Stand by	10 mA
Strobe frequency (@12 V)	1,5 Hz
Dimensions(Width x Length x Height)	215 x 300 x 60 mm
Weight/ (Packaged) - VAS-730	1195 gr / (1350 gr)
Weight/ (Packaged) - VAS-770	1292 gr / (1447 gr)

MANUFACTURER

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This product is produced by Bilgi Elektronik A.S. which has 158211 numbered certificate of **ISO 9001:2000** Quality Management Systems certified by BVQI.

TEKNIM

VAS-730 & VAS-770 OUTDOOR SIREN MOUNTING & OPERATING MANUAL

Issue Date: 23.06.2005

CE

SAFETY PRECAUTIONS

Please read this guide carefully before operating device and keep this guide for later reference.
Follow all operating and safety instructions in this manual.
Do not use this device indoor, or else it may cause personal injury due to high sound pressure level. While mounting, use ear protection.
The device produces high voltage while operating. After turning off the power, wait for a minute before servicing.
Disconnect the electricity before cleaning. Don't use liquid or aerosol cleaners, use a damp cloth for cleaning.
Keep away devices from dust and moisture.
Locate device to the straight place, or else it may damage device and its environment.

OPERATING CONDITIONS :
Don't operate device beyond following values.

Temperature : Between -40°C and +65°C
Humidity : %95 in +40°C

POWER SUPPLY :
Use the device only with voltage mentioned in this guide. If you are not sure about supply voltage you will connect, please contact with your vendor.

SUPPLY CABLE PROTECTION:
Protect the supply cable against crushing and breaking.

SERVICE:
Do not attempt to service this unit yourself as there is no user serviceable part inside. To prevent electric shock, do not remove covers.
In case of breakdown, contact with your vendor or manufacturer. Refer all servicing to qualified personnel.

CONDITIONS NEED SERVICE

Contact with your vendor on the following conditions.

a- If the device is dropped or the device's cover is damaged.
b- If you realize that, device doesn't operate properly.
c- If the device doesn't operate as mentioned in operating guide
d- If the device isn't operated in operating conditions.

SPARE PART :
If maintenance includes changing , ensure that technician uses original parts against electrical shock, fire, etc.

SECURITY CONTROL:
To control if your device operates in healthy and convenient conditions, demand service from your vendor.

CONFIGURATIONS

Siren tone (TONE) option :
4 different siren tone can be choosed.

A	B	TONE
-	-	INTRUDER 1
ON	-	INTRUDER 2
-	ON	FIRE
ON	ON	POLİCE

Cutoff time (TIMER) :
This option provides selecting how much time the sounder works during alarm. **Default value is "Continuous".**

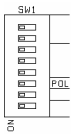
C	D	E	TIME
-	-	-	3 min.(*)
ON	-	-	5 min.
-	ON	-	8 min.
ON	ON	-	10 min.
-	-	ON	15 min.
ON	-	ON	20 min.
-	ON	ON	30 min.
ON	ON	ON	Continuous

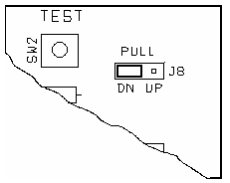
(*) Default Value

Siren speed (SPD):
Siren speed can be increased by two times by using this switch.
Default mode is HIGH.

SPD	SİREN SPEED
ON	Low
OFF	High

Triggering option (POL):
This option is configured together with "POL" switch and J8 PULL jumper. Configure triggering as the following:

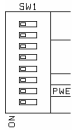




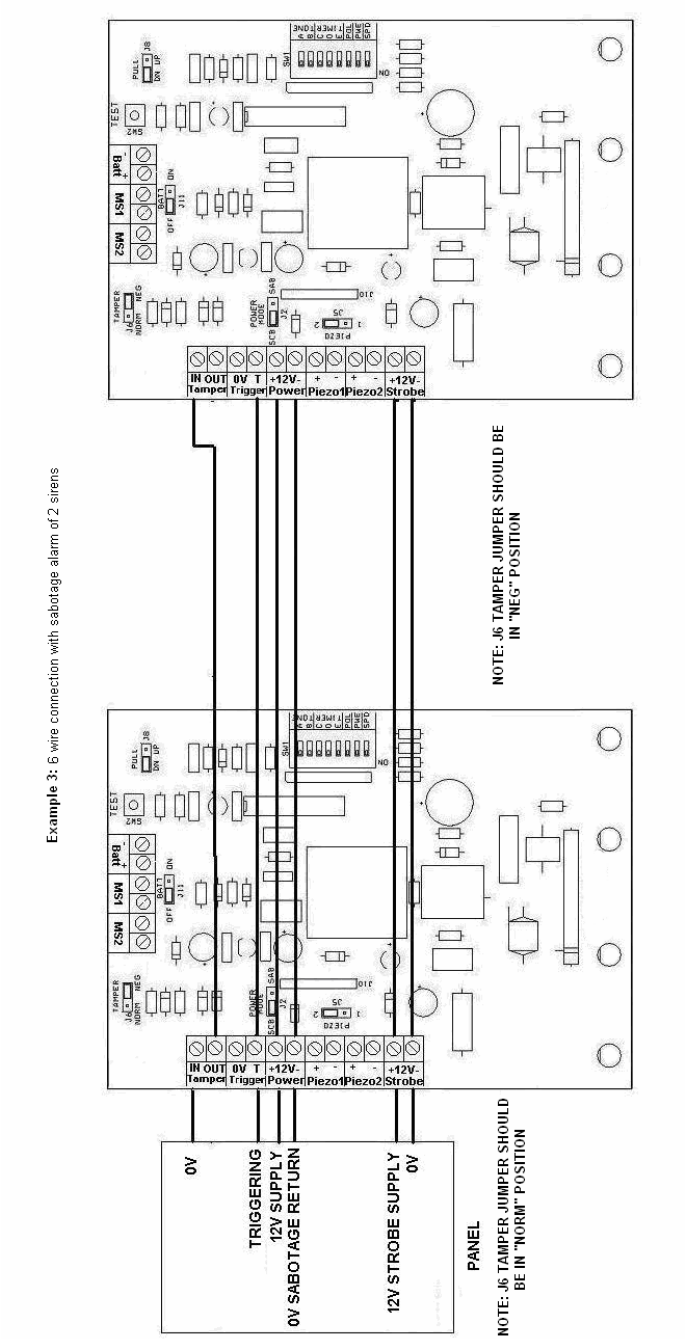
ALARM ON:	POL	J8- PULL
If 12V is disconnected	OFF	DN
If 0V is disconnected	ON	UP
If 12V is connected	ON	DN
If 0V is connected (*)	OFF	UP

(*)Default value.

Pre-warning (PWE):
When using this option, siren creates warning sound during 6-8 sec before siren is triggered. If triggering continue, siren goes into alarm. **Default value is "OFF".**



PWE	PRE-WARNING
ON	ENABLE
OFF	DISABLE



Example 3: 6 wire connection with sabotage alarm of 2 sirens

VAS-730 & VAS-770 OUTDOOR SIREN

MOUNTING and OPERATING INSTRUCTIONS

Thank you for choosing VAS 730/770 outdoor sirens. VAS 730/770 offers different colour options, programmable siren tone options, sliding lights, SAB/SCB power option and also provides wide area for firm logo with its body designed with 3D CAD/CAM.

OPERATING

To operate device, connect supply voltage and put the battery (BATT) jumper to “ON” position. At this time 4 LED begins flashing to inform you that siren is ready and then device goes into the stand by mode. In stand by mode, LEDs slide to show that siren is ready. Also in stand by mode battery charges.

In stand by mode if supply voltage is cut off, the device perceives this as a sabotage and goes into alarm immediately. This situation continues until the end of cutoff time. If supply voltage is connected again siren becomes silent immediately.

If siren is triggered in standby mode and pre-warning system is “OFF”, siren goes into alarm. If pre-warning system is “ON”, siren generates small beep sounds to indicate that siren will go into action in a few seconds. At this time if the switch is in SAB mode, siren current is provided by alarm panel. If the switch is in SCB mode, siren current is provided by siren battery. Siren continues to be in alarm mode until the end of triggering or until the end of the cutoff time.

By pressing the test button, siren can be controlled if it works or not.

Features	VAS 730	VAS 770
4 different siren tone	•	•
High/Low speed sounder	•	•
Delay time with warning tone	•	•
Configurable Cutoff Timer (3 / 15 minute)	•	•
SAB / SCB operating mode	•	•
Sliding light	•	•
Test Button	•	•
Rechargeable NI-MH Battery	•	•
Sabotage switch	•	•
Second sabotage switch against cover screw protection		•
ABS cover	•	
Polycarbonate cover		•
Metal cover against impact	•	•
2 piezo		•

FIRST MOUNTING
VAS-730/770 has a special system to prevent technician and other people from disturbing on first mounting. Before connecting supply voltage to siren, battery (BATT) bridge is taken to ON position. Normally siren alarms if supply voltage isn't connected. But this doesn't work at this moment and then when the supply voltage is connected, device becomes normal.

MOUNTING INSTRUCTIONS
Mount the device to places that won't be exposed to direct sun light and rain. Also give importance to mount the device on a place where it is seen but can't be reached easily.

Point the mounting holes and cable in hole by using siren back plaque or the template on its cartoon box and then drill holes by using 8mm tip.

By using longer drill tip than the thickness of the wall, drill the wall as the cable pass through the wall. Mount the siren by using the given screws and suitable screwdriver. Don't forget to pass cables through the hole on the body.

JUMPER SETTINGS

J11 Battery (BATT) jumper:
After mounting the device take this jumper to ON position(Default value is OFF) to activate siren battery.

J2 POWER MODE jumper:
SAB position: Supply voltage is provided by panel normally. If supply voltage is cut off, this voltage is provided by battery.

SCB position: Supply voltage is provided by battery in all conditions.. At this time current consumption will be lower but siren loudness too.

This jumper's default position is SAB.

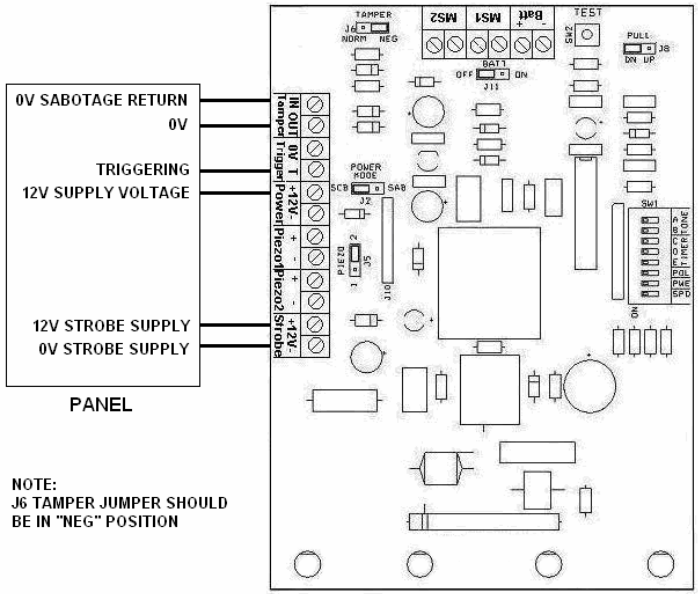
J5 PIEZO jumper:
If the jumper is in "1" position, one piezo becomes active. If the bridge is in "2" position , two piezo become active. If siren operates with two piezo, current consumption increases by 250 mA.

J6 TAMPER jumper:
Tamper output could be done with 2 wire connection(NORM) or 1 wire connection(NEG). In NEG position "OUT" can be used as Tamper output("IN" is in GND). Default value is "NORM"(2 wire connection).

J8 PULL jumper:
Look at the triggering options.

CABLE CONNECTIONS

Example 1: 6 wire connection with sabotage alarm



Example 2: Connection with VAP-404 Alarm panel